Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 31 Jul 2022 until 23:59 on Monday 01 Aug 2022

Forecast Issued on Sunday 31 Jul 2022 at 03:34

Confidence: High confidence for a spells of unsettled and often poor mountain conditions but lower confidence throughout for the details of low cloud.

Headline for Sunday 31 Jul 2022: Low cloud and rain clearing through the day.

Mountain weather hazards on Sunday 31 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain showers	Sunny intervals	Sunny	Clear night
Precipitation probability					
80%	60%	40%	20%	<05%	<05%

Forecast for Sunday 31 Jul 2022

Weather: Generally overcast to start Sunday, with rain perhaps heavy and persistent for a time but easing and clearing east through the morning. Some rain or drizzle will linger into the afternoon, however cloud will lift and break to give some sunny spells. Perhaps the odd heavier burst of rain returning later in the day, but most routes turning dry into the evening.

Chance of cloud-free hill tops above 600m: 10% to start but improving to become 80% into the afternoon and evening.

Low cloud and visibility: Extensive low cloud above around 300m covering the summits during the morning, locally lower for western slopes. This lifting and breaking into the afternoon to clear summits. Visibility poor during the morning in rain and drizzle, and very poor in cloud but improving through the day to become generally good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 31 Jul 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 W	13/16 W	11/16 NW	10/16 NW	11/16 NW	8/13 W	7/11 SW
300	9/13 SW	9/12 W	11/16 NW	9/15 NW	11/18 NW	6/11 W	6/9 SW
Valley	6/12 W	7/11 W	8/15 NW	8/16 NW	9/17 NW	5/10 NW	3/7 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/13	15/13	15/13	15/13	13/12	11/9	10/9
300	16/15	16/15	17/16	17/16	16/14	14/12	12/11
Valley	16/16	16/16	17/17	18/18	17/15	14/13	12/12
Freezing Level*	3500m	3300m	3100m	2700m	2200m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive low cloud, rain and drizzle are likely to make navigation tricky on the hills through much of the morning. UV levels remain high and appropriate precautions should be taken during the afternoon as conditions become increasingly bright.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 31 Jul 2022	7.2mm	7.6mm	7.6mm

Forecast for Monday 01 Aug 2022

Weather: Bright for much of the day on Monday, generally dry but the low risk of a light shower. Cloud thickening later in the afternoon, ahead of outbreaks of rain spreading east into the evening.

Maximum wind: Southwesterly 10-15mph, increasing to southerly 20-25mph gusting 30-35mph after dark.

Chance of cloud-free hill tops above 600m: 90% falling to 40% in the west after dark.

Low cloud and visibility: Some early lower cloud possible close to the tops but generally bases well above summits with good visibility for much of the day. Cloud will thicken during the afternoon, although summits likely remaining clear until after dark Cloud then descending onto western hills, obscuring routes above 400m by midnight. This will be accompanied by rain, leading to some poor to very poor visibilities.

Temperature: **Valleys:** Plus 13 Celsius becoming Plus 21 Celsius.
At 600m: Plus 9 Celsius becoming Plus 14 Celsius.
Freezing level: Above the summits.

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